

ABSTRACT OF THE DISCLOSURE

An intermediate laminated structure is provided including a plurality of unfired ceramic plates stacked along a laminating direction. Each of the plates has a plurality of holes formed therethrough by a punching operation. At least a first hole in one of the plurality of unfired ceramic plates has the same shape and cross-sectional area as respective first holes in the remaining plurality of unfired ceramic plates such that the first holes define a cylinder of constant cross-sectional area throughout the entire thickness of the intermediate laminated structure.